DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| TARGETED | CHROMOSOMAL GENOMIC ALTERATIONS WITH MODI | FIED SINGLE |
|----------------|---|-------------|
| STRANDED | OLIGONUCLEOTIDES | |
| the spec | ification of which | |
| (check one) | [X] is attached hereto | |
| , | [] was filed on | as |
| | Application Serial Noand was amended on | · |

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

(if applicable)

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

| | J | | Prio <u>Clai</u> | rity med_ |
|----------|-----------|------------------------|---------------------|--------------|
| (Number) | (Country) | (Day/Month/Year Filed) | [] Yes | [] No |
| (Number) | (Country) | (Day/Month/Year Filed) | [] Yes | [] No |

I hereby claim the benefit under Title 35, United States Code, \$ 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, \$ 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, \$ 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| 60/192,176 | March 27, 2000 | pending |
|-------------------------------------|----------------|--|
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
| 60/192,179 | March 27, 2000 | pending |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandoned) |
| | | |
| 60/208,538 | June 1, 2000 | pending |
| 60/208,538 (Application Serial No.) | | <pre>pending (Status) (patented, pending, abandoned)</pre> |
| | | (Status) (patented, |

As a named inventor, I hereby appoint the following attorneys or agents to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

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| knowledge are true and that and belief are believed to b statements were made with th statements and the like so m imprisonment, or both, under United States Code and that | catements made herein of my own all statements made on information be true; and further that these he knowledge that willful false hade are punishable by fine or a Section 1001 of Title 18 of the such willful false statements may the application or any patent |
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